

DISTRICT EIGHT
POLK COUNTY HEALTH DEPARTMENT

DIRECT SERVICE UNITS

1755 HOLLAND PKWY., SOUTH
BARTOW, FLORIDA 33830111 NORTH 11TH STREET
HAINES CITY, FLORIDA 33844305 WEST CENTRAL AVENUE
LAKE WALES, FLORIDA 33853103 EAST CANAL STREET
MULBERRY, FLORIDA 33860WILLIAM F. HILL, JR., M.D.
DIRECTORP.O. BOX 1480
229 AVENUE D, N.W.
WINTER HAVEN, FLORIDA
33880

March 2, 1977

Rad Health/ Land Survey
Crystal Acres S/D 1st Add.

DIRECT SERVICE UNITS

1333 NORTH FLORIDA AVENUE
LAKELAND, FLORIDA 33801P.O. BOX 33
WAVERLY, FLORIDA 338772 NORTH REEDY BLVD.
FROSTPROOF, FLORIDA 33843243 E. LAKE AVENUE
AUBURNDALE, FLORIDA 33823Mr. Elliott V. Reed
P. O. Box 74
Lakeland, Florida 33802SITE: Florida Phosphate
BREAK: 17.8
OTHER: V. 14

Dear Mr. Reed:

Attached you will find the rough gamma radiation survey of the above referenced property that you requested. The survey values are in MicroR/hr. while the criteria below is in mR/hr. This means that 10 MicroR/hr. is equivalent to .01 mR/hr.

Interim Recommendations For Gamma Exposure Levels
At New Structures Sites on Florida Phosphate LandsExternal Gamma Radiation Level

Equal or greater than 0.01 mR/hr

Less than .01 mR/hr

Recommendations

Construction should be delayed pending additional study or acceptable control technology should be instituted to preclude indoor radon daughter problems

Construction may be initiated

As you will note quite a few of the readings obtained exceeds the recommended levels. There appeared to be a considerable amount of phosphatic clays and debris on the site that could account for the high levels. Should you wish to discuss this further or discuss the possibility of utilizing control technology in the structures, please do not hesitate to contact me.

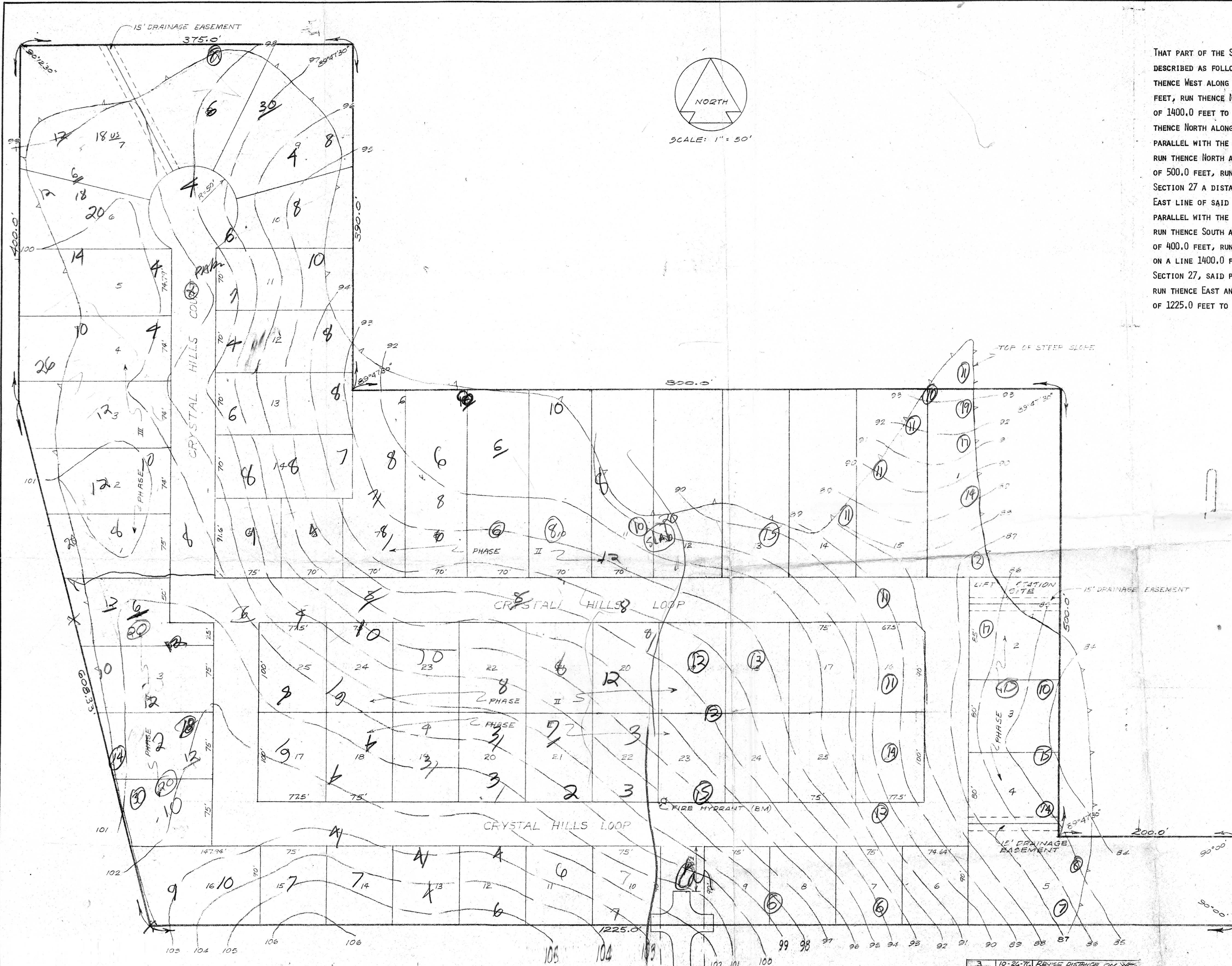
Sincerely,

Donald R. Guthrie, P.E.
Sanitary Engineer

DRG:mmk



10517199



DESCRIPTION

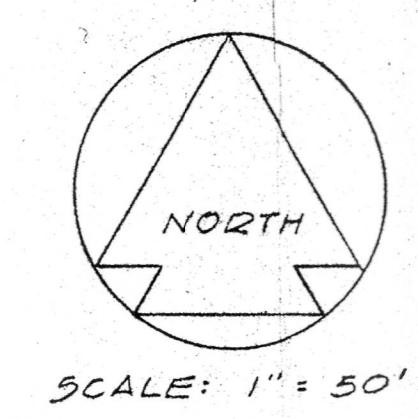
THAT PART OF THE SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 28S., RANGE 24E., DESCRIBED AS FOLLOWS: BEGIN AT THE SOUTHEAST CORNER OF SAID SECTION 27, RUN THENCE WEST ALONG THE SOUTH LINE OF SAID SECTION 27 A DISTANCE OF 925.82 FEET, RUN THENCE NORTH AT 90° TO THE SOUTH LINE OF SAID SECTION 27 A DISTANCE OF 1400.0 FEET TO THE POINT OF BEGINNING FOR THIS DESCRIPTION, CONTINUE THENCE NORTH ALONG SAID LINE A DISTANCE OF 100.0 FEET, RUN THENCE WEST AND PARALLEL WITH THE SOUTH LINE OF SAID SECTION 27 A DISTANCE OF 200.0 FEET, RUN THENCE NORTH AND PARALLEL WITH THE EAST LINE OF SAID SECTION 27 A DISTANCE OF 500.0 FEET, RUN THENCE WEST AND PARALLEL WITH THE SOUTH LINE OF SAID SECTION 27 A DISTANCE OF 800.0 FEET, RUN THENCE NORTH AND PARALLEL WITH THE EAST LINE OF SAID SECTION 27 A DISTANCE OF 390.0 FEET, RUN THENCE WEST AND PARALLEL WITH THE SOUTH LINE OF SAID SECTION 27 A DISTANCE OF 375.0 FEET, RUN THENCE SOUTH AND PARALLEL WITH THE EAST LINE OF SAID SECTION 27 A DISTANCE OF 400.0 FEET, RUN THENCE SOUTHEASTERLY A DISTANCE OF 608.33 FEET TO A POINT ON A LINE 1400.0 FEET NORTH OF AND PARALLEL WITH THE SOUTH LINE OF SAID SECTION 27, SAID POINT BEING 1225.0 FEET WEST OF THE POINT OF BEGINNING, RUN THENCE EAST AND PARALLEL WITH THE SOUTH LINE OF SAID SECTION 27 A DISTANCE OF 1225.0 FEET TO THE POINT OF BEGINNING.

Survey
Feb 25, 77
H.W. Keaton
W.M. G. Iley
EPA LUDLUM
3839
3644
All Reading ARE IN MICRO
Reagents/hour (uR/hr) nmg

NOTES
BENCH MARK IS THE SOUTH BOLT
ON THE FIRE HYDRANT 140 FEET
NORTH AND 3.5 FEET EAST OF THE
NORTHEAST CORNER OF LOT 14.
ASSUMED ELEVATION 100.00
2 ROAD ROW'S ARE 50'
3 MIN. LOT SIZE IS 6000 SQ. FT.

CRYSTAL ACRES FIRST ADDITION LAKELAND, FLORIDA FOR KIRK MCKAY	
SITE PLAN	
EDWARDS - PANTER SURVEYING & ENGINEERING INC. 1520 COMMERCIAL PARK DRIVE LAKELAND, FLORIDA	
APPROVED BY.	DRAWN BY. G.E.G.
REVISED.	DATE NOV. 1974
REVISED.	JOB NO. 17721
REVISED.	DRAWING NO. OF 9

REV.	DATE	PURPOSE	APPROVED BY
3	10-26-76	REVISE DISTANCE ON WEST	
2	10-7-76	REVISE LOT NUMBER LINE	
1	7-7-76	APPROVAL OF REVISED RING	
	1-24-75	APPROVAL OF COUNTED LOT LAYOUT	
	11-5-74	FOR OWNERS APPROVAL ENGINEER	



EXISTING PAVEMENT